

JCP/SCD/POT/PJO #4  
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PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 029869.00001-US01
INTERNATIONAL APPLICATION NO. PCT/US03/21469	INTERNATIONAL FILING DATE 9 July 2003	U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/520,506
		PRIORITY DATE CLAIMED 9 July 2002
<b>TITLE OF INVENTION</b> Methods of Treating Microbial Infections in Humans and Animals		
<b>APPLICANT(S) FOR DO/EO/US</b> Craig A. Townsend et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))  a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).  b. <input type="checkbox"/> has been communicated by the International Bureau.  c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).  a. <input type="checkbox"/> is attached hereto.  b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))  a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).  b. <input type="checkbox"/> have been communicated by the International Bureau.  c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.  d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p>		

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/520,506		INTERNATIONAL APPLICATION NO. PCT/US03/21469		ATTORNEY'S DOCKET NUMBER 029869.00001-US01	
20. <input checked="" type="checkbox"/> Other items or information: Copy of the Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US); Petition for Extension of Time under 37 CFR 1.136(a) (in duplicate); Verified Statement (Declaration) Claiming Small Entity Status (37 CFR 1.27-Small Business Concern); Verified Statement (Declaration) Claiming Small Entity Status (37 CFR 1.9(e) and 1.27(d))-Nonprofit Organization; Two Statements under 37 CFR 3.73(b)					
The following fees have been submitted					
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)) .....		\$300		CALCULATIONS	PTO USEONLY
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....		\$0		\$	
All other situations .....		\$200		\$	
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .....		\$0		\$	
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....		\$100		\$	
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....		\$400		\$	
All other situations.....		\$500		\$	
TOTAL OF 21, 22 and 23 =				\$ 0.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE	
- 100 =	/50 =			x \$250.00	
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	- 20 =		x		
Independent claims	- 3 =		x		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+	
TOTAL OF ABOVE CALCULATIONS =				\$ 0.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.				0.00	
SUBTOTAL =				\$ 0.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					
TOTAL NATIONAL FEE =				\$ 0.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$ 0.00	
TOTAL FEES ENCLOSED =				\$ 0.00	
				Amount to be refunded:	\$
				Amount to be charged	\$ 60.00

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

a.  A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.

b.  Please charge my Deposit Account No. 50-0740 in the amount of \$ 225.00 to cover the two-month extension of time fee.  
A duplicate copy of this sheet is enclosed.

c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0740. A duplicate copy of this sheet is enclosed.

d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038

**NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.**

SEND ALL CORRESPONDENCE TO:

  
SIGNATURE

N. Whitney Wilson

NAME

CUSTOMER NUMBER: 26853

38,661

REGISTRATION NUMBER

Docket No.: 029869.00001-US01  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Craig A. Townsend et al.

Application No.: 10/520,506  
(371 of Int'l. Appl. No. PCT/US2003/021469)

Group Art Unit: N/A

Filed: January 7, 2005  
Int'l. Filing Date: July 9, 2003)

Examiner: Not Yet Assigned

For: Methods of Treating Microbial Infections in  
Humans and Animals

**TRANSMITTAL LETTER**

**MSPCT**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed are the following items for filing in connection with the above-referenced Patent Application:

1. Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Submission under 35 U.S.C. 371
2. Copy of the Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US);
3. Petition for Extension of Time under 37 CFR 1.136(a) (in duplicate);
4. Declaration for Utility Patent Application (37 CFR 1.63);
5. Verified Statement (Declaration) Claiming Small Entity Status (37 C.F.R. § 1.27-  
- Small Business Concern);

6. Verified Statement (Declaration) Claiming Small Entity Status (37 C.F.R. §§ 1.9(e) and 1.27(d))--Nonprofit Organization;
7. Power of Attorney and Correspondence Address Indication Form executed on behalf of assignee, FASgen, LLC;
8. Power of Attorney and Correspondence Address Indication Form executed on behalf of assignee, Johns Hopkins Hospital;
9. Statement under 37 CFR 3.73(b) executed on behalf of assignee, FASgen, LLC with a copy of the Assignment;
10. Statement under 37 CFR 3.73(b) executed on behalf of assignee, Johns Hoopkins Hospital with a copy of the Assignment; and
11. Return receipt postcard.

The Director is hereby authorized to charge the small entity two-month extension of time fee of \$225.00, any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0740, under Docket No. 029869.00001-US01. A duplicate copy of this paper is enclosed.

It is not believed that extensions of time fees are required beyond those that may otherwise be provided for in documents accompanying this paper. However, if additional extensions of time are necessary to prevent abandonment of this application, then such

extensions of time are hereby petitioned under 37 C.F.R. § 1.136(a), and any fees required therefor are hereby authorized to be charged to our Deposit Account No. 50-0740.

Dated: November 1, 2005

Respectfully submitted,

By

  
N. Whitney Wilson

Registration No.: 38,661  
COVINGTON & BURLING  
1201 Pennsylvania Avenue, N.W.  
Washington, DC 20004-2401  
(202) 662-6000  
Attorney for Applicants



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/520,506	Craig A Townsend	029869.00001-UA01
		INTERNATIONAL APPLICATION NO.
		PCT/US03/21469
		I.A. FILING DATE      PRIORITY DATE
		07/09/2003      07/09/2002
<b>CONFIRMATION NO. 2647</b>		
<b>371 FORMALITIES LETTER</b>		
 *OC00000016649268*		

Date Mailed: 07/29/2005

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 01/07/2005
- Copy of the International Search Report filed on 01/07/2005
- U.S. Basic National Fees filed on 01/07/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

CHARITTA A BURT

Telephone: (703) 308-9140 EXT 207

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/520,506	PCT/US03/21469	029869.00001-UA01

**FORM PCT/DO/EO/905 (371 Formalities Notice)**